

## ABSTRACT OF THE DISCLOSURE

An insulated ceiling is provided for a metal building, and includes a plurality of spaced apart metal purlins with upper and lower flanges, a metal roof attached to the upper flanges of the purlins, insulated panels attached to the bottom flanges of the purlins so as to  
5 define a space between the roof and the panels, and insulation in the space. The panels are mechanically attached to the purlins with a plurality of clips and support members such that penetrating fasteners are unnecessary.